

5 What is claimed is:

1. A bifurcated stent comprising:

a proximal tubular section;

10 a first distal tubular section, said first distal tubular section connected to said proximal section by connector members; and

a second distal tubular section, said first and second distal tubular sections welded together at their proximal ends.

15 *Sub B1* 2. The stent of claim 1 wherein the weld is a spot weld formed between a dowel and a hole.

20 3. The stent of claim 1 wherein the connector members are continuously placed around the circumference of the first distal section.

25 *3-4* 4. The stent of claim <sup>2</sup>~~3~~ wherein the shape of the connection is different than the strut shape of the proximal and distal sections.

*4-5* 5. The stent of claim <sup>2</sup>~~3~~ wherein the connector members are omega-shaped.

30 *Sub B2* 6. The stent of claim 1 wherein said distal end a proximal sections are expandable to different diameters.

7. A stent comprising a first cylindrical form and a second cylindrical form connected thereto;

Q<sup>2</sup>  
said second cylindrical form placed alongside a wall portion of the first cylindrical form so that the stent forms a "Y"-shaped opening through the interior portion of the stent; and

10        said stent having a welded connection at the connection between said first and second cylindrical forms.

15        7. 8. The stent of claim <sup>6</sup>7 wherein said second cylindrical form has a smaller interior diameter than said first cylindrical form.

20        9. The stent of claim 7 wherein said welded connection is accomplished around the entire circumference of said second cylindrical form.

25        8. 10. A stent comprising a first cylindrical form and a second cylindrical form connected thereto;

Q<sup>3</sup>  
said second cylindrical form placed alongside a wall portion of the first cylindrical form so that the stent forms a "Y"-shaped opening through the interior portion of the stent; said stent having a welded connection at the connection between said first and second cylindrical forms; and

30        wherein said welded connection is accomplished around the entire circumference of said second cylindrical form.

2        11. The stent of claim <sup>8</sup>10 wherein said stent is sized to fit within a bifurcated lumen.

5 <sup>10</sup>  
~~12.~~ The stent of claim <sup>8</sup>~~10~~ wherein said stent is balloon expandable.

10 <sup>11</sup>  
~~13.~~ The stent of claim <sup>8</sup>~~10~~ wherein said stent has a first cylindrical form with an opening formed in the wall of said cylindrical form, and said opening generally corresponding to the circumference of said second cylindrical form.

14. A stent comprising a first cylindrical form and a second cylindrical form connected thereto;

20 said second cylindrical form placed alongside a wall portion of the first cylindrical form so that the stent forms a "Y"-shaped opening through the interior portion of the stent; and said stent having a welded connection at the connection between said first and second cylindrical forms; and

25 wherein said stent has a first cylindrical form with an opening formed in the wall of said cylindrical form, and said opening generally corresponding to the circumference of said second cylindrical form.

<sup>12</sup>  
~~15.~~ A bifurcated stent comprising:  
a proximal tubular section;

30 a first distal tubular section, said first distal tubular section connected to said proximal section by connector members; and

a second distal tubular section, said first and second distal tubular sections attached together at their proximal ends by a ball in socket joint.

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16. A bifurcated stent comprising:

a proximal tubular section;

a first distal tubular section, said first distal tubular section connected to said proximal section by connector members; and

a second distal tubular section, said first and second distal tubular sections attached together at their proximal ends by a plurality of flexible hooks.

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*Q5*

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*Q6*

FOR "SEE" SECTION

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